

Figure 1. Types de fermentation et cinétique de croissance en fermentation discontinue

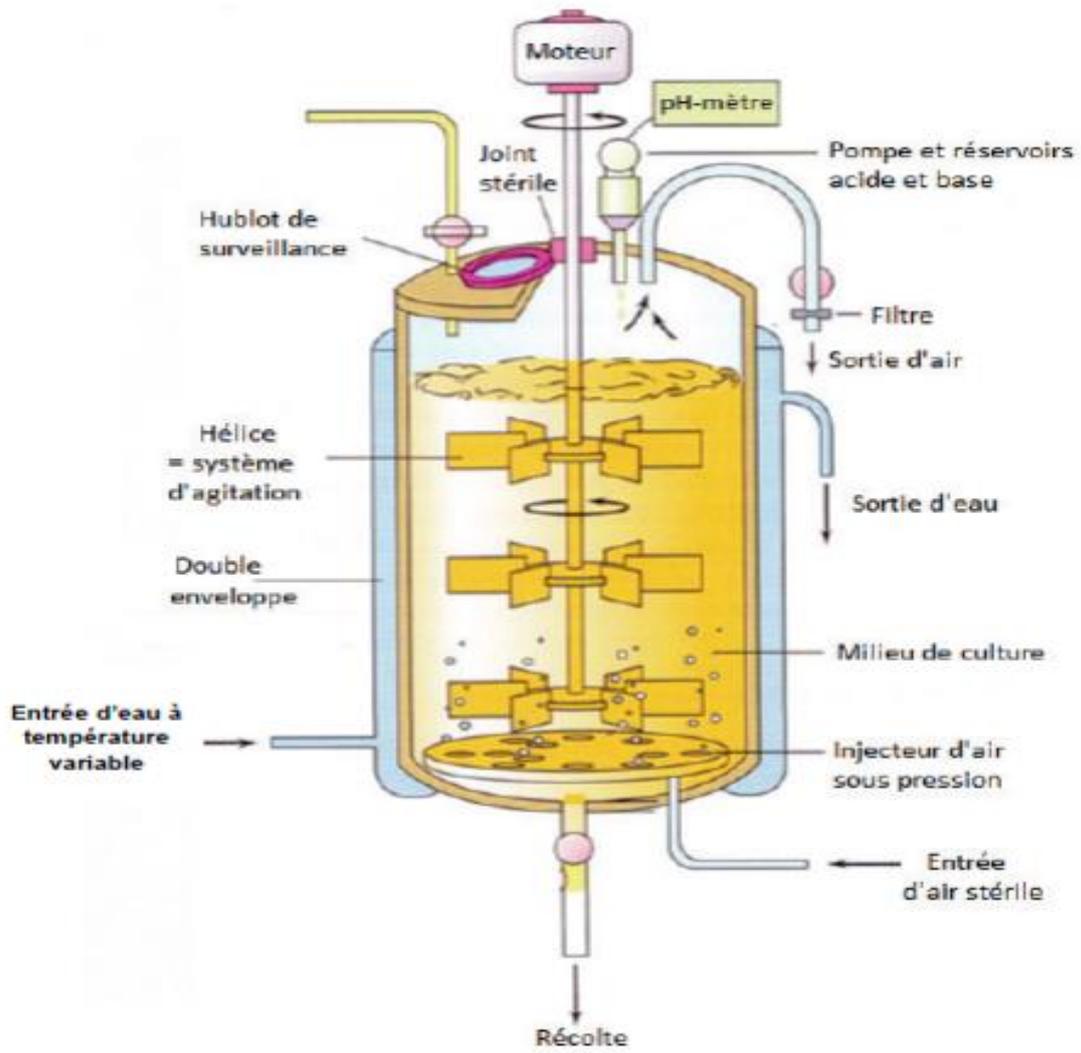


Figure .2 Bioreacteur

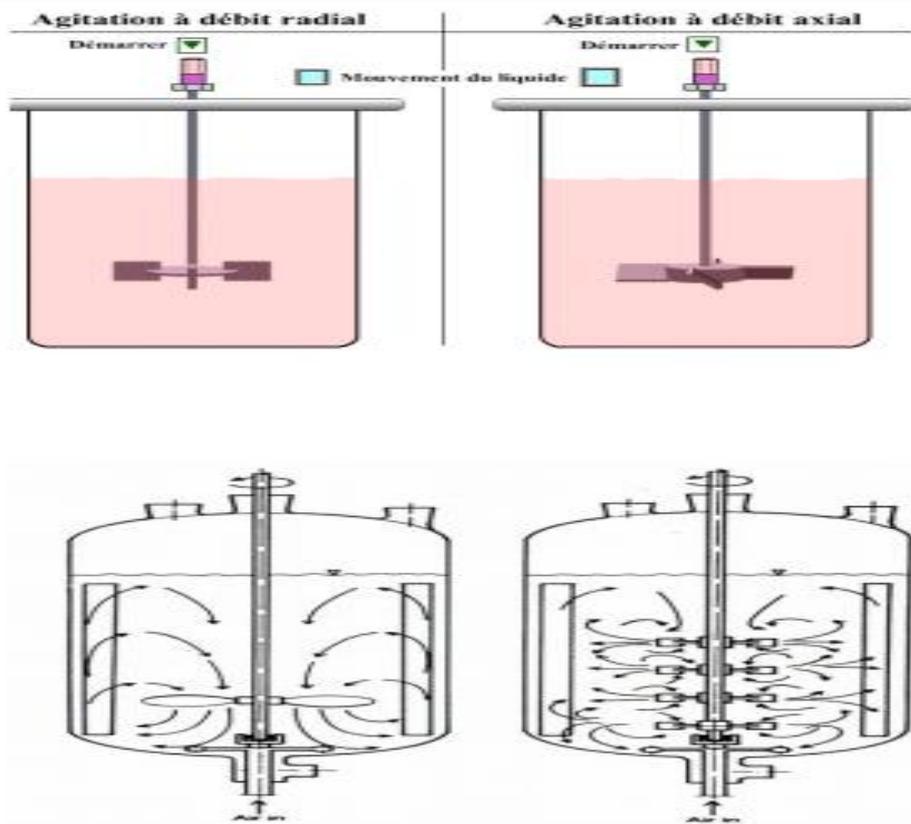


Figure 3 : Agitation rotative axiale (hélice), radiale (pales ou turbines)

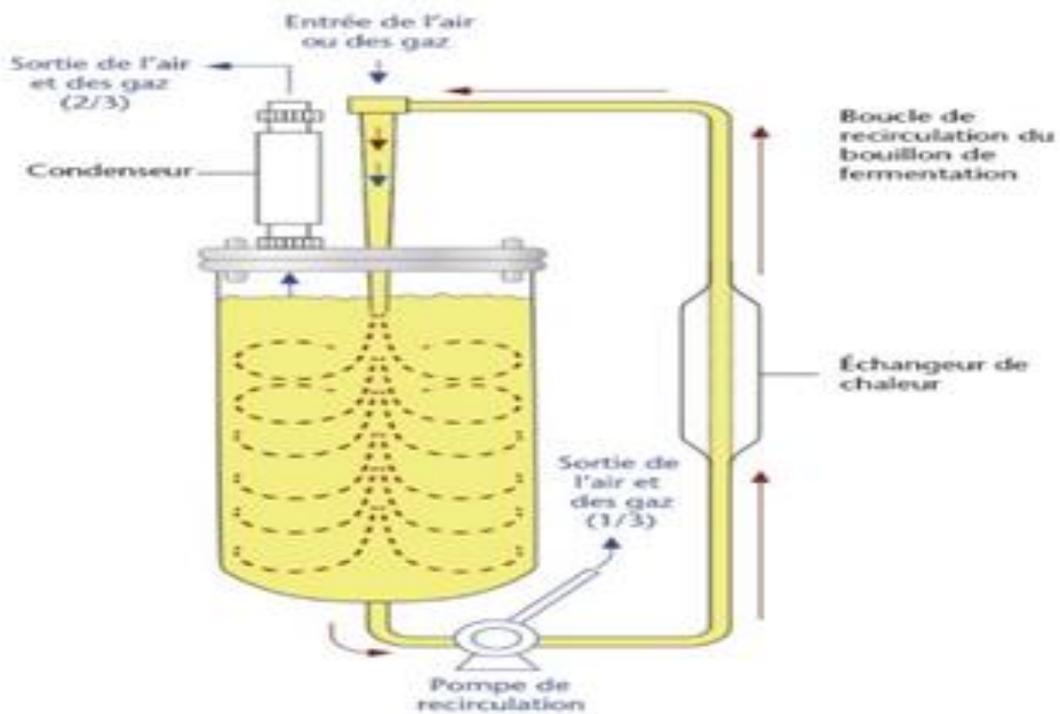


Figure .4 Bioréacteur à agitation hydraulique

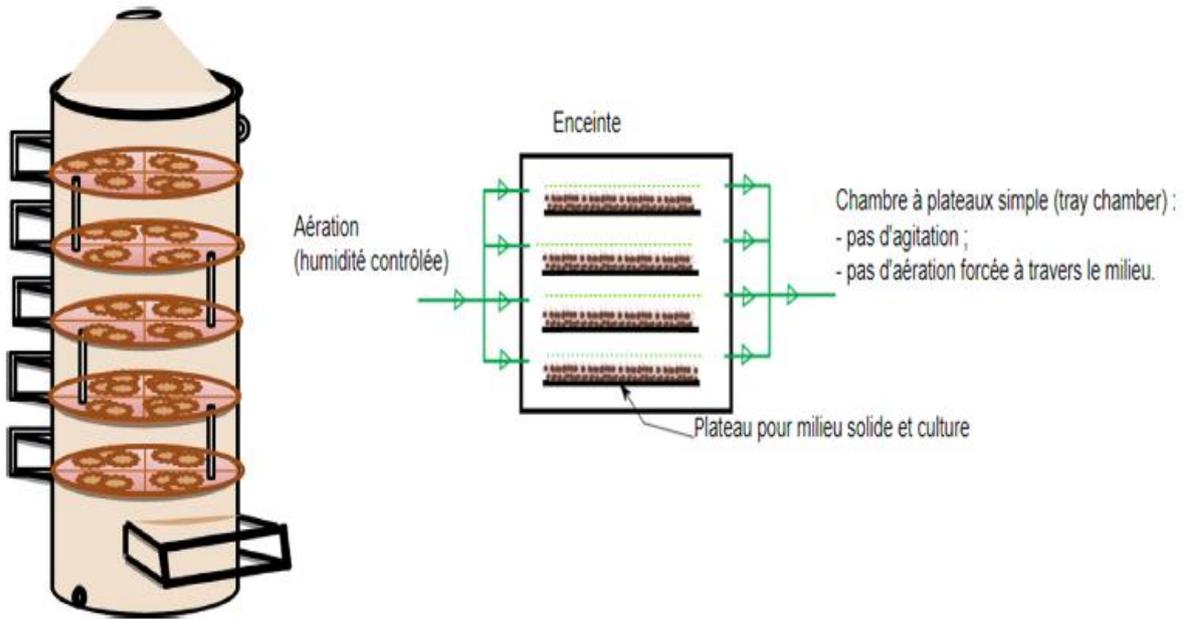


Figure 5. Bioréacteurs à plateaux

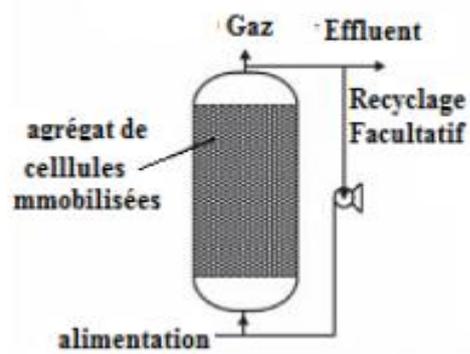


Figure 6. Bioréacteurs à lit fluidisé

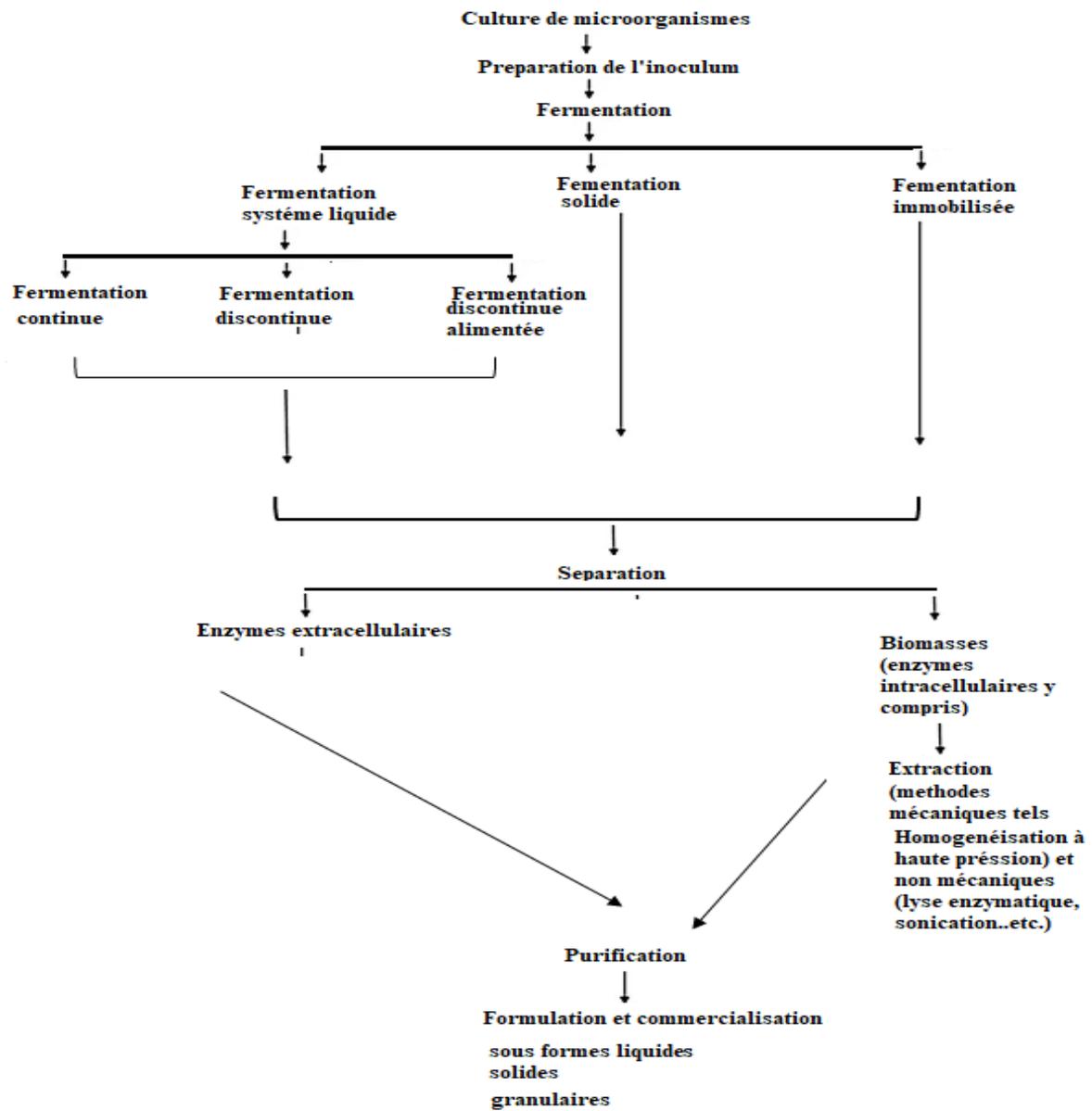


Figure 7. Etapes de production des enzymes par fermentation